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(54) Title: NUCLEIC ACID SEQUENCES ENCODING ISOFLAVONE SYNTHASE		
(57) Abstract This invention relates to an isolated nucleic acid sequence encoding isoflavone synthase. The invention also relates to the construction of chimeric sequences encoding all or a substantial portion of the enzymes, in sense or antisense orientation, wherein expression of the chimeric sequence results in production of altered levels of the enzyme in a transformed host cell.		